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# NSRE 2000

## Version 9

March 2001

### FRESHWATER RECREATION MODULE

**fws1** In the following questions, I'd like you to tell me about your freshwater recreation.

[READ ONLY IF NEEDED OR IF ASKED - Freshwater recreation includes a number of activities, such as swimming, boating, fishing, or taking hikes along a shoreline. Freshwater includes lakes, reservoirs, rivers, streams, and wetlands; however, please do NOT include swimming pools as freshwater.

**fwsday** During the past 12 months, did you take any single day trips FROM YOUR HOME where the primary purpose was to recreate in or near freshwater?

- 1 Yes
- 2 No
- 8 Don't know
- 9 Refused

IF NEEDED: By single day trips, we mean any time you traveled more than 15 minutes from home, but did not spend the night away from home.

This includes short trips within your community, and longer trips that may take several hours.

**fwmday** During the past 12 months, did you go on any vacations or multiple day trips, during which you participated in freshwater recreation?

- 1 Yes
- 2 No
- 8 Don't know
- 9 Refused

IF NEEDED: By vacation or multiple day trips, we mean overnight or longer trips

IF NEEDED: This includes trips to a vacation home, camping trips, trips to a cabin belonging to a friend or relative, and trips to resorts.

**fwtrips** During the past 12 months approximately, how many single day trips did you take to recreate in, on, or near freshwater?

A.. ENTER RESPONSE \*\*\*\*

-98. Don't know

-99. Refused

IF NEEDED: Please count trips whose primary purpose was to swim, boat, fish, view nature, or to otherwise enjoy lakes, wetlands, rivers, and other freshwater bodies. Remember this does NOT include trips to swimming pools.

**fw1\_site** Were all of these \_\_\_\_ single-day trips to the same general area, or did you visit different places on different trips?

- 1 Same general area
- 2 Different places
- 8 Don't know
- 9 Refused

IF ASKED: By same general area, I mean a single destination such as a lake, or several destinations that are near each other, such as different fishing holes along a stream. Furthermore, if you took several trips during which you always stopped at the same several places, please count these as trips to one general area.

**fw\_sites** How many different areas did you visit on these \_\_\_\_ single-day trips?

A.. ENTER RESPONSE \*\*\*\*

- 98. Don't know
- 99. Refused

**fwname1** What is the name of the freshwater body you visited most recently?

A.. ENTER RESPONSE \*\*\*\*

**fwtype1** What type of water body is FWNAME1?

- 1 One of the Great Lakes (Huron, Ontario, Michigan, Erie or Superior)
- 2 Lake, pond or reservoir (or other body of standing water)
- 3 River or stream (or other body of running water)
- 4 Wetland (such as a marsh, swamp, or bog)
- 5 Other
- 8 Don't know
- 9 Refused

**fwtrps1** During the past 12 months, approximately how many trips did you take to FWNAME1?

A.. ENTER RESPONSE \*\*\*\*

- 98 Don't know
- 99 Refused

**fwself1** On your most recent trip, did you travel to FWNAME1 by yourself?

- 1 Yes
- 2 No
- 8 Don't know
- 9 Refused

**fwself1b** How many people did you go with?

A.. ENTER RESPONSE \*\*\*\*

- 98 Don't know
- 99 Refused
- 97 For bus tour, organized tour

**fwdaysx1** About how many months ago was your most recent trip to FWNAME1?

A.. ENTER RESPONSE \*\*\*\*

- 98 Don't know
- 99 Refused

**fwdaysx2** About how many days ago was that trip?

A.. ENTER RESPONSE \*\*\*\*

- 98 Don't know
- 99 Refused

**fwactiv1** In general for any trip you take to FWNAME1 what was your major reason for visiting?

[Read list if necessary. If respondent lists several reasons, choose the first one mentioned.]

- 1 Swimming, scuba diving, sailboarding, water skiing (any other water contact sports)
- 2 Fishing
- 3 Boating (such as motor boating, sailing and canoeing)
- 4 Viewing nature (such as viewing wildlife, watching a waterfall, and relaxing on a beach)
- 5 Participating in an organized activity (such as a picnic, a fishing competition, or boat race)
- 6 Other
- 8 Don't know
- 9 Refused

**fwfish1** What type of fish did you fish for?

READ LIST ONLY IF NECESSARY. USE EXAMPLES IN PARENTHESES ONLY IF NEEDED.

- 1 Warmwater fresh fish (such as bass, bream, catfish, pike, walleye, crappie, or perch)
- 2 Coldwater fresh fish (such as trout)
- 3 Migratory fish that live in the ocean and spawn in freshwater (such as striped bass, shad, and salmon)
- 4 Other
- 8 Don't know
- 9 Refused

**fwfishb1** Did you fish from a boat?

- 1 Yes
- 2 No
- 8 Don't know
- 9 Refused

**fwsizes1a** In general, when deciding to visit FWNAME1, how important are the following water quality characteristics?

Would you say the size and depth of the lake, pond, or reservoir is Important, Somewhat important, or Not at all important?

- 1 Important
- 2 Somewhat important
- 3 Not at all important
- 8 Don't know
- 9 Refused

**fwsizes1b** In general, when deciding to visit FWNAME1, how important are the following water quality characteristics?

Would you say the amount of water in the river is Important, Somewhat important, or Not at all important?

- 1 Important
- 2 Somewhat important
- 3 Not at all important
- 8 Don't know
- 9 Refused

If asked to clarify: it's depth and speed?

**fwclear1** In general, when deciding to visit FWNAME1, how important are the following water quality characteristics?

The clarity of the water?

- 1 Important
- 2 Somewhat important
- 3 Not at all important
- 8 Don't know
- 9 Refused

If asked about clarity: whether the water is not murky

**fwlife1** In general, when deciding to visit FWNAME1, how important are the following water quality characteristics?

The health of aquatic life?

- 1 Important
- 2 Somewhat important
- 3 Not at all important
- 8 Don't know
- 9 Refused

If asked to clarify: such as the number of fish

**fwodor1** In general, when deciding to visit FWNAME1, how important are the following water quality characteristics?

The odor of the water?

- 1 Important
- 2 Somewhat important
- 3 Not at all important
- 8 Don't know
- 9 Refused

**fwpollu1** In general, when deciding to visit FWNAME1, how important are the following water quality characteristics?

The level of pollutants in the water?

- 1 Important
- 2 Somewhat important
- 3 Not at all important
- 8 Don't know
- 9 Refused

**fwcover1** In general, when deciding to visit FWNAME1, how important are the following water quality characteristics?

The amount of natural vegetation on the water's edge?

- 1 Important
- 2 Somewhat important
- 3 Not at all important
- 8 Don't know
- 9 Refused

**fwcity1** What is the name of the city or town closest to FWNAME1?

A.. ENTER RESPONSE \*\*\*\*

**fwstate1** What state is FWCITY1 in?

ASK IF DON'T KNOW CITY: What state is FWNAME1 in?

A.. ENTER RESPONSE \*\*\*\*

**fwdist1** About how many miles is FWNAME1 from your home?  
About how many miles from your home is the boat launch you used on your most recent trip to FWNAME1?

A.. ENTER RESPONSE \*\*\*\*  
-98 Don't know  
-99 Refused

By boat launch, we mean the place you started boating from.

**fwdire1** What direction is it from your home? OR What direction from your home is that boat launch?

- 1 North
- 2 Northeast
- 3 East

- 4 Southeast
- 5 South
- 6 Southwest
- 7 West
- 8 Northwest
- 9 Don't know
- 10 Refused

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IF (ASKCOST=2 & ASKTIME=2)
  IF (FWSITES = 1 & FWMDAY <> 1) SKIPTO CBIKE1
ENDIF
IF (ASKCOST=2 & ASKTIME=2)
  IF (FWSITES <> 1) SKIPTO fwname2
ENDIF
IF (ASKCOST = 2 & ASKTIME = 1) SKIPTO fwtime1

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**fwcost1x** How much did your trip to FWNAME1 cost you?

A.. ENTER RESPONSE \*\*\*\*

- 98 Don't know
- 99 Refused

If it was a family trip, how much did it cost overall?

**fwcost1a** Was your trip cost

- 0 Nothing
- 1 between 1 and 10 dollars
- 2 between 11 and 25 dollars
- 3 between 26 and 50 dollars
- 4 greater than 51 dollars
- 8 don't know
- 9 refused

**fwtime1** How long does it take to travel to FWNAME1 from your home? Please include only your actual travel time.

A.. ENTER RESPONSE \*\*\*\*

- 98 Don't know
- 99 Refused

ROUND TO QUARTER HOURS (.25, .50, .75)

Do not include time spent on other activities, such as time spent at roadside restaurants.

**fwboat1b** On your most recent trip to FWNAME1 did you use:

- 1 a rental or charter boat
- 2 or your own boat (go to fwboat1c)
- 8 Don't know
- 9 Refused

**fwrent1** About how much did it cost you to rent or charter this boat?

A.. ENTER RESPONSE \*\*\*\*

-98 Don't know

-99 Refused

If the person says they paid nothing, record 0.

**fwboat1c** What type of boat did you use:

- 1 a rowboat or canoe [or other hand powered craft]
- 2 a sail boat
- 3 a small powerboat with less than a 40 horsepower motor
- 4 a powerboat with greater than a 40 horsepower motor
- 5 Other
- 8 Don't know
- 9 Refused

**fwtripc1** Suppose the cost of a trip to FWNAME1 were to increase by \_\_\_\_ for example, due to an increase in the price of gas. Would you change the number of trips you took to FWNAME1?

- 1 No change (same number of trips)
- 2 1 less trip
- 3 2 less trips
- 4 Taken no trips
- 5 Other
- 8 Don't know
- 9 Refused

IF NEEDED: Please assume that only the cost of visiting FWNAME1 increases, all other prices and trip costs remain the same.

IF SKEPTICAL: Though our example of an increase in gas prices is likely to increase the costs of going to any site, for purposes of this question please imagine that only the cost of visiting FWNAME1 increases.

IF (ASKTIME = 1 & fwaddt1 > 0) SKIPTO fwtript1

IF (ASKTIME = 1 & fwaddt1 <= 0) SKIPTO fwtript2

IF (ASKTIME = 2 & fwsites = 1 & fwmday <> 1) SKIPTO CBIKE1

IF (ASKTIME = 2 & fwsites = 1 & fwmday = 1) SKIPTO fwvacnm2

IF (ASKTIME = 2 & fwsites <> 1) SKIPTO fwname2

**fwtripc2** Suppose the cost of a trip to FWNAME1 were to decrease by \_\_\_\_\_ for example, due to a reduction in the price of gas. Would you change the number of trips you took to FWNAME1?

- 1 No change (same number of trips)
- 2 1 more trip
- 3 2 more trips
- 4 Other
- 8 Don't know
- 9 Refused

IF NEEDED: Please assume that only the cost of visiting FWNAME1 decreases, all other prices and trip costs remain the same.

IF SKEPTICAL:      Though our example of a reduction in gas prices is likely to decrease the costs of going to any site, for purposes of this question please imagine that only the cost of visiting FWNAME1 decreases.

IF (ASKTIME = 1 & fwaddt1 > 0) SKIPTO fwtript1  
IF (ASKTIME = 1 & fwaddt1 <= 0) SKIPTO fwtript2  
IF (ASKTIME = 2 & fwsites=1 & fwmday<>1) SKIPTO CBIKE1  
IF (ASKTIME = 2 & fwsites=1 & fwmday=1) SKIPTO fwvacnm2  
IF (ASKTIME = 2 & fwsites <> 1) SKIPTO fwname2

**fwtript1**      Suppose the time it took you to reach FWNAME1 were to increase by \_\_\_\_ for example, due to changes in road conditions. Would you change the number of trips you took to FWNAME1?

- 1    No change (same number of trips)
- 2    1 less trip
- 3    2 less trips
- 4    Taken no trips
- 5    Other
- 8    Don't know
- 9    Refused

IF NEEDED:      Please assume that only the time it took to travel to FWNAME1 increases, traveling to other locations does not change.

IF (fwsites = 1 & fwmday <> 1) SKIPTO CBIKE1  
IF (fwsites = 1 & fwmday = 1) SKIPTO fwvacnm2  
SKIPTO fwname2

**fwtript2**      Suppose the time it took you to reach FWNAME1 were to decrease by \_\_\_\_ for example, due to improvements in road conditions. Would you change the number of trips you took to FWNAME1?

- 1    No change (same number of trips)
- 2    1 more trip
- 3    2 more trips
- 4    Other
- 8    Don't know
- 9    Refused

IF NEEDED:      Please assume that only the time it took to travel to FWNAME1 decreases, traveling to other locations does not change.

IF (fwsites = 1 & fwmday <> 1) SKIPTO CBIKE1  
IF (fwsites = 1 & fwmday = 1) SKIPTO fwvacnm2

**fwname2**      Other than FWNAME1 what other freshwater body did you visit recently on one of your \_\_ single-day trips?

A.. ENTER RESPONSE      \*\*\*\*  
-98      Don't know  
-99      Refused

**FWWHEN1**      How many months ago was your most recent visit to FWNAME2?

A.. ENTER RESPONSE      \*\*\*\*

-98 Don't know  
-99 Refused

IF (FWWHEN1=1|FWWHEN1=2) SKIPTO FWWHEN2  
SKIPTO fwtype2

**FWWHEN2** How many days ago was that visit?

A.. ENTER RESPONSE \*\*\*\*  
-98 Don't know  
-99 Refused

**fwtype2** What type of water body is FWNAME2?

- 1 One of the Great Lakes (Huron, Ontario, Michigan, Erie or Superior)
- 2 Lake, pond or reservoir (or other body of standing water)
- 3 River or stream (or other body of running water)
- 4 Wetland (such as a marsh, swamp, or bog)
- 5 Other
- 8 Don't know
- 9 Refused

**fwtrip2** During the past 12 months, approximately how many trips did you take to FWNAME2?

A.. ENTER RESPONSE \*\*\*\*  
-98 Don't know  
-99 Refused

**fwself2** On this most recent trip, did you travel to FWNAME2 by yourself?

- 1 Yes (Go to fwactiv2)
- 2 No
- 8 Don't know (Go to fwactiv2)
- 9 Refused (Go to fwactiv2)

**fwself2b** How many people did you go with?

A.. ENTER RESPONSE \*\*\*\*  
-98 Don't know  
-99 Refused  
-97 For bus tour, organized tour

**fwactiv2** In general, what was your major reason for visiting FWNAME2?

[Read list if necessary. If respondent lists several reasons, choose the first one mentioned.]

- 1 Swimming, scuba diving, sailboarding, water skiing (any other water contact sports)
- 2 Fishing
- 3 Boating (such as motor boating, sailing and canoeing)
- 4 Viewing nature (such as viewing wildlife, watching a waterfall, and relaxing on a beach)
- 5 Participating in an organized activity (such as a picnic, a fishing competition, or boat race)

- 6 Other
- 8 Don't know
- 9 Refused

IF (fwactiv2 <> 2) SKIPTO fw\_flag2

**fwfish2** What type of fish did you fish for?

READ LIST ONLY IF NECESSARY. USE EXAMPLES IN PARENTHESES ONLY IF NEEDED.

- 1 Warmwater fresh fish (such as bass, bream, catfish, pike, walleye, crappie, or perch)
- 2 Coldwater fresh fish (such as trout)
- 3 Migratory fish that live in the ocean and spawn in freshwater (such as striped bass, shad, and salmon)
- 4 Other
- 8 Don't know
- 9 Refused

**fwfishb1** Did you fish from a boat?

- 1 Yes
- 2 No
- 8 Don't know
- 9 Refused

**fwcity2** What is the name of the city or town closest to FWNAME2?  
What is the name of the city or town closest to the boat launch that you used on your most recent trip to FWNAME2?

A.. ENTER RESPONSE \*\*\*\*

By boat launch, we mean the place you started boating from.

**fwstate2** What state is FWCITY2 in?

ASK IF DON'T KNOW CITY: What state is FWNAME2 in?

A.. ENTER RESPONSE \*\*\*\*

**fwdist2** About how many miles is FWNAME2 from your home? OR  
About how many miles from your home is the boat launch you used on your most recent trip to FWNAME2?

A.. ENTER RESPONSE \*\*\*\*

- 98 Don't know
- 99 Refused

By boat launch, we mean the place you started boating from.

**fwdire2a** What direction is it from your home? OR What direction from your home is that boat launch?

- 1 North

- 2 Northeast
- 3 East
- 4 Southeast
- 5 South
- 6 Southwest
- 7 West
- 8 Northwest
- 9 Don't know
- 10 Refused

By boat launch, we mean the place you started boating from.

IF (fwmday=1 & fwsday=1) SKIPTO fwvacnm2  
SKIPTO CBIKE1

**fwboat2b** On your most recent trip to FWNAME2 did you use:

- 1 a rental or charter boat
- 2 or your own boat (Note to interviewer: own boat includes boat belonging to someone else, friend, family member) (GO TO fwboat2c)
- 8 Don't know (GO TO fwboat2c)
- 9 Refused (GO TO fwboat2c)

**fwrent2** About how much did it cost you to rent or charter this boat?

A.. ENTER RESPONSE \*\*\*\* (IF fwmday <> 1, GO TO CBIKE1)  
-98 Don't know  
-99 Refused

If the person says they paid nothing, record 0.

If the person takes more than a few seconds to answer, enter -98

**fwboat2c** What type of boat did you use:

- 1 a rowboat or canoe [or other hand powered craft]
- 2 a sail boat
- 3 a small powerboat with less than a 40 horsepower motor
- 4 a powerboat with greater than a 40 horsepower motor
- 5 Other
- 8 Don't know
- 9 Refused

IF (fwmday = 1 & fwsday = 1) SKIPTO fwvacnm2  
IF (fwmday = 1 & fwsday <> 1) SKIPTO fwvacnam  
IF (fwmday <> 1) SKIPTO CBIKE1

**fwvacnm2** You mentioned earlier that in the last 12 months you took a vacation or an overnight trip during which you participated in freshwater recreation. Where did you go on this vacation?

A.. ENTER RESPONSE \*\*\*\*

If needed: If you took more than one vacation, where did you go on your most recent vacation during which you participated in freshwater recreation?

[NOTE: By vacation, we mean overnight or longer trips; such as trips to a vacation

home, a cabin belonging to a friend or relative, or to a campsite.

For freshwater recreation, include swimming, boating, fishing, or viewing nature in or near freshwater bodies, such as lakes, ponds, reservoirs, rivers, streams and wetlands.]

**fwcitym** If they have already told you the city or county, just type it in. Otherwise, ask!

What city or town is FWVACNM2 closest to?

**fwstatm** What state is FWCITY2 in?

ASK IF DON'T KNOW CITY:

What state is FWVACNM2 in?

A.. ENTER RESPONSE \*\*\*\*

**fwtmodem** How did you travel from your home to FWVACNM2?

- 1 Drove a car/truck
- 2 Drove a recreational vehicle or car camper
- 3 Airplane to nearby city
- 4 Bus or train to nearby city
- 5 Other
- 8 Don't know
- 9 Refused

**fwreasm** Was participating in freshwater recreation:

- 1 the most important activity you did while on vacation to FWVACNM2?
- 2 one of the most important activities?
- 3 one of several activities?
- 4 a minor activity? or
- 5 something that didn't really matter?
- 8 Don't know
- 9 Refused

SKIPTO CBIKE1

**fwvacnam** Where did you go on your vacation?

A.. ENTER RESPONSE \*\*\*\*

If needed: If you took more than one vacation, where did you go on your most recent vacation during which you participated in freshwater recreation?

[NOTE: By vacation, we mean overnight or longer trips; such as trips to a vacation home, a cabin belonging to a friend or relative, or to a campsite.

For freshwater recreation, include swimming, boating, fishing, or viewing nature in or near freshwater bodies, such as lakes, ponds, reservoirs, rivers, streams and wetlands.]

**fwcityv** If they have already told you the city or county, just type it in. Otherwise, ask!

What city or town is FWVACNAM closest to?

A.. ENTER RESPONSE \*\*\*\*

**fwstatev** What state is FWCITYV in?

ASK IF DON'T KNOW CITY: What state is FWVACNAM in?

A.. ENTER RESPONSE \*\*\*\*

**fwstayv** If obvious, record. Otherwise, ASK!

Where did you stay on this vacation?

(read list only if necessary -- if you can closely match, do so)

- 1 vacation home
- 2 cottage
- 3 condo
- 4 relative's house
- 5 friend's house
- 6 resort
- 7 motel
- 8 hotel
- 9 campsite (tent or car-camper campsite)
- 10 trailer park (RV site)
- 11 Other
- 98 Don't know
- 99 Refused

**fwtmodev** How did you travel from your home to FWVACNAM?

- 1 Drove a car/truck
- 2 Drove a recreational vehicle or car camper
- 3 Airplane to nearby city
- 4 Bus or train to nearby city
- 5 Other
- 8 Don't know
- 9 Refused

**fwreasv** Was participating in freshwater recreation:

- 1 the most important activity you did while on vacation to FWVACNAM?
- 2 one of the most important activities?
- 3 one of several activities?
- 4 a minor activity? or (Go to fwdov)
- 5 something that didn't really matter? (Go to CBIKE1)
- 8 Don't know (Go to CBIKE1)
- 9 Refused (Go to CBIKE1)

**fwdov** What activities did you do during this vacation to FWVACNAM?

READ LIST IF NECESSARY, CHECK ALL THAT APPLY

\_\_\_\_\_ Swimming

- \_\_\_\_\_ Fishing
- \_\_\_\_\_ Boating
- \_\_\_\_\_ Viewing nature
- \_\_\_\_\_ Participating in an organized activity
- \_\_\_\_\_ Other \_\_\_\_\_
- \_\_\_\_\_ No other

**fwnearv** On your vacation to FWVACNAM did you engage in any freshwater recreation in the immediate vicinity of your FWSTAYV?

- 1 Yes
- 2 No
- 8 Don't know
- 9 Refused

IF NEEDED: In other words, were you able to swim, boat, fish or visit a beach directly from your or by walking or driving a few miles.

IF ASKED: By a few miles, I mean 5 miles or less

**fwside1v** Did you take any sidetrips away from your FWSTAYV during which you participated in freshwater recreation?

- 1 Yes
- 2 No
- 8 Don't know
- 9 Refused

IF NEEDED: In other words, were you able to swim, boat, fish or visit a beach directly from your or by walking or driving a few miles.

IF ASKED: By a few miles, I mean 5 miles or less

IF (fwside1v <> 1) SKIPTO CBIKE1

**fwside1d** About how far from your FWSTAYV did you usually go on one of these side trips during which you participated in freshwater recreation?

IF NEEDED: What was the one-way distance, from your FWSTAYV to your sidetrips' destination?

[READ LIST IF NECESSARY]

- 1 5 to 10 miles
- 2 11 to 20 miles
- 3 21 to 40 miles
- 4 41 to 80 miles
- 5 more than 80 miles
- 8 Don't know
- 9 Refused

**fwside3v** What is the name of the place you usually visited on these sidetrips?

A.. ENTER RESPONSE \*\*\*\*\*

**fwside4v** How many times did you go to FWSIDE3V during your vacation to FWVACNAM?

A.. ENTER RESPONSE \*\*\*\*

-98 Don't know

-99 Refused

**fwside5v** [Record if obvious, otherwise ASK]

What type of water body is FWSIDE3V?

1 Lake, pond or reservoir (Go to CBIKE1)

2 River or stream (Go to CBIKE1)

3 Wetland (Go to CBIKE1)

5 Other (Go to CBIKE1)

8 Don't know (Go to CBIKE1)

9 Refused (Go to CBIKE1)